

FIG. 1
(PRIOR ART)

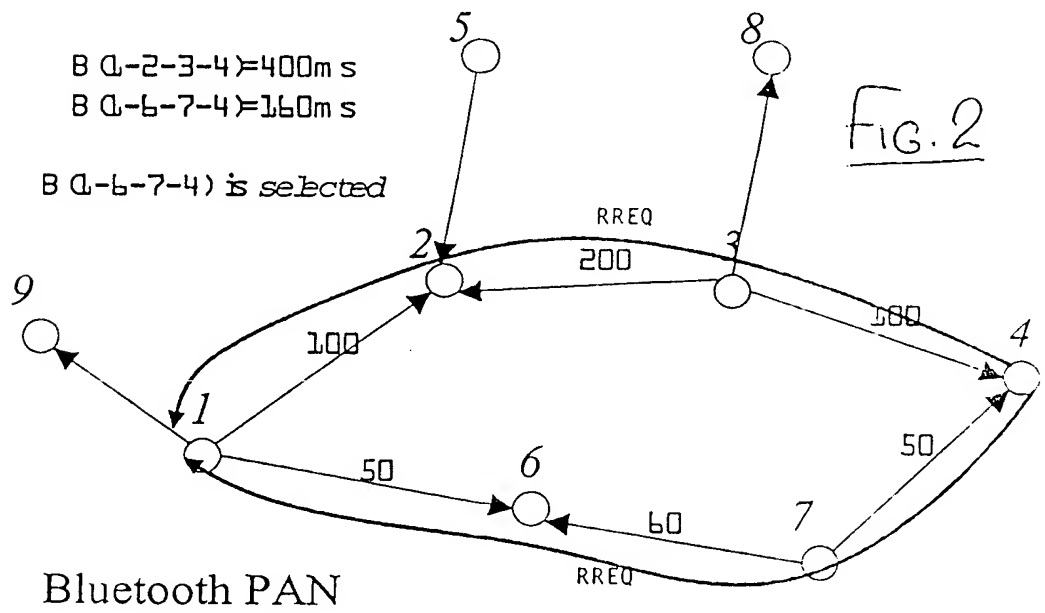
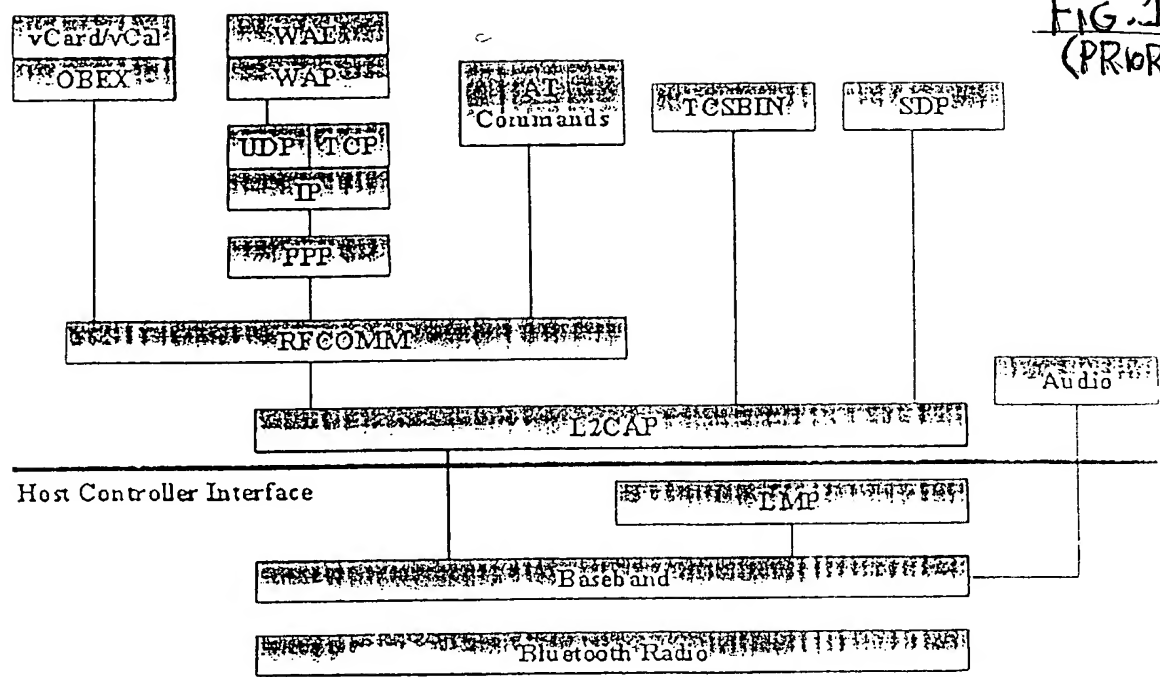


FIG. 2

Bluetooth PAN

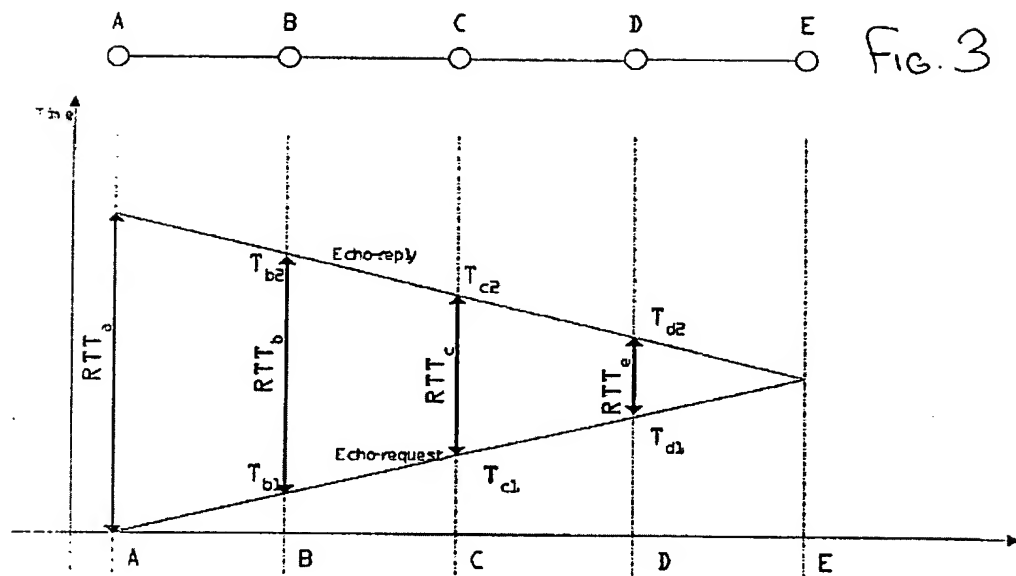
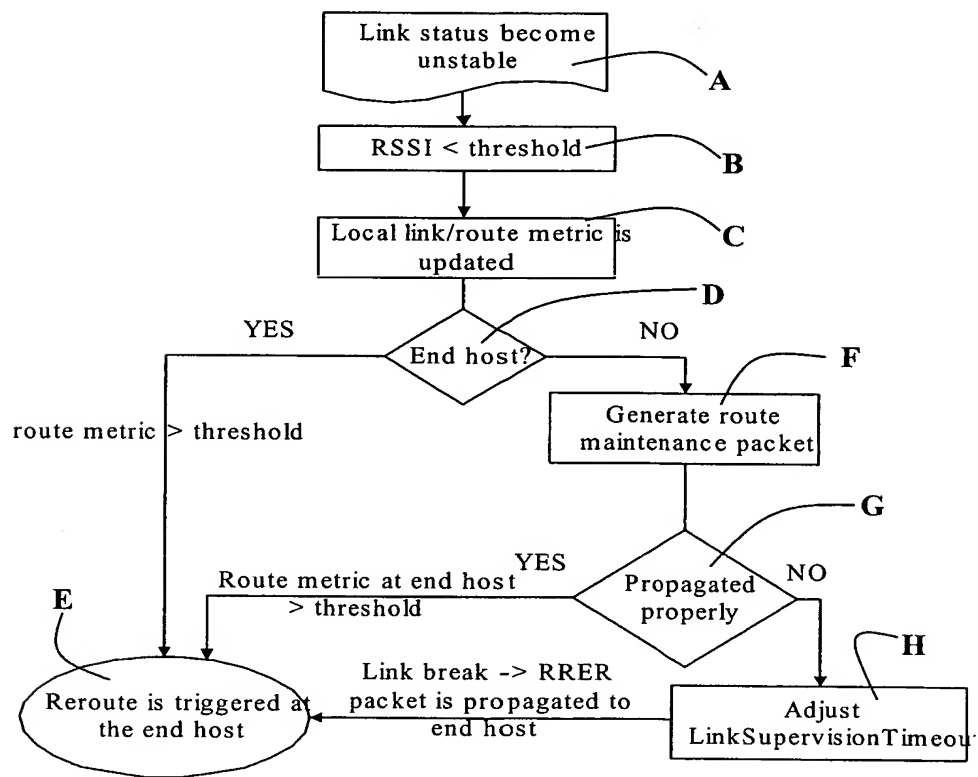
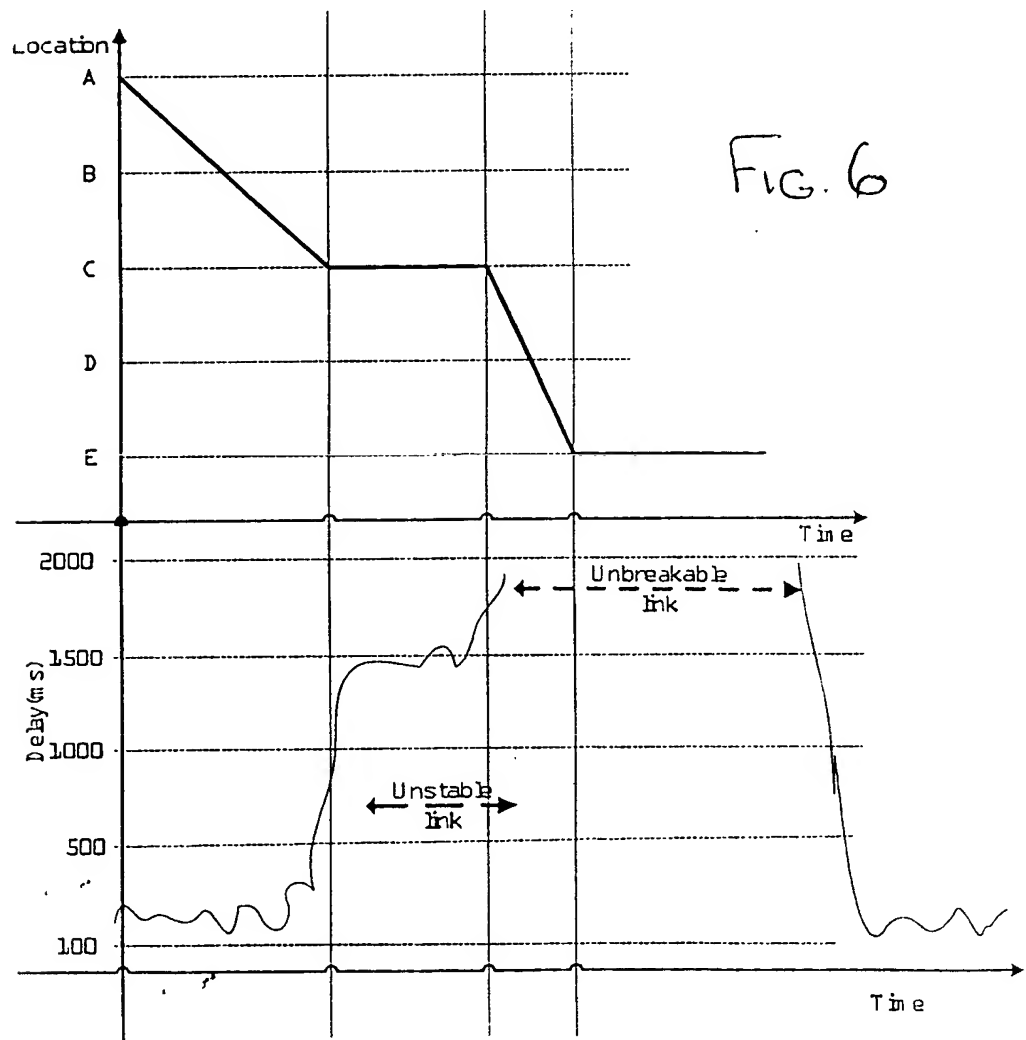
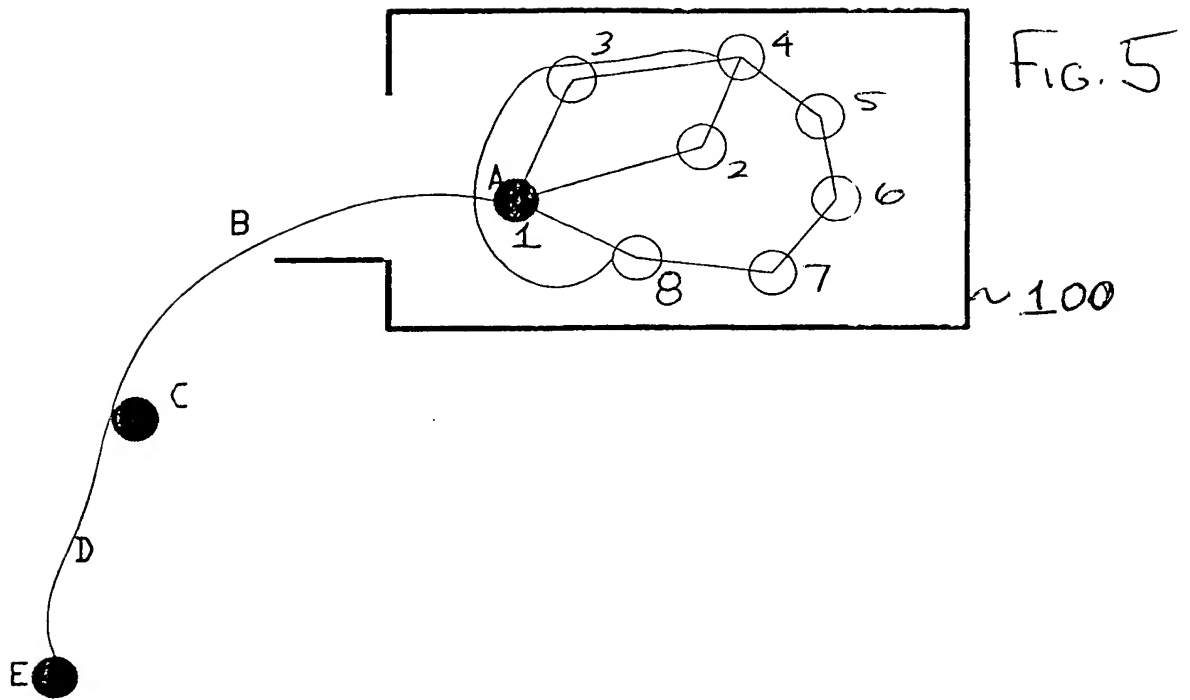


Fig. 4





HCI

FIG. 7

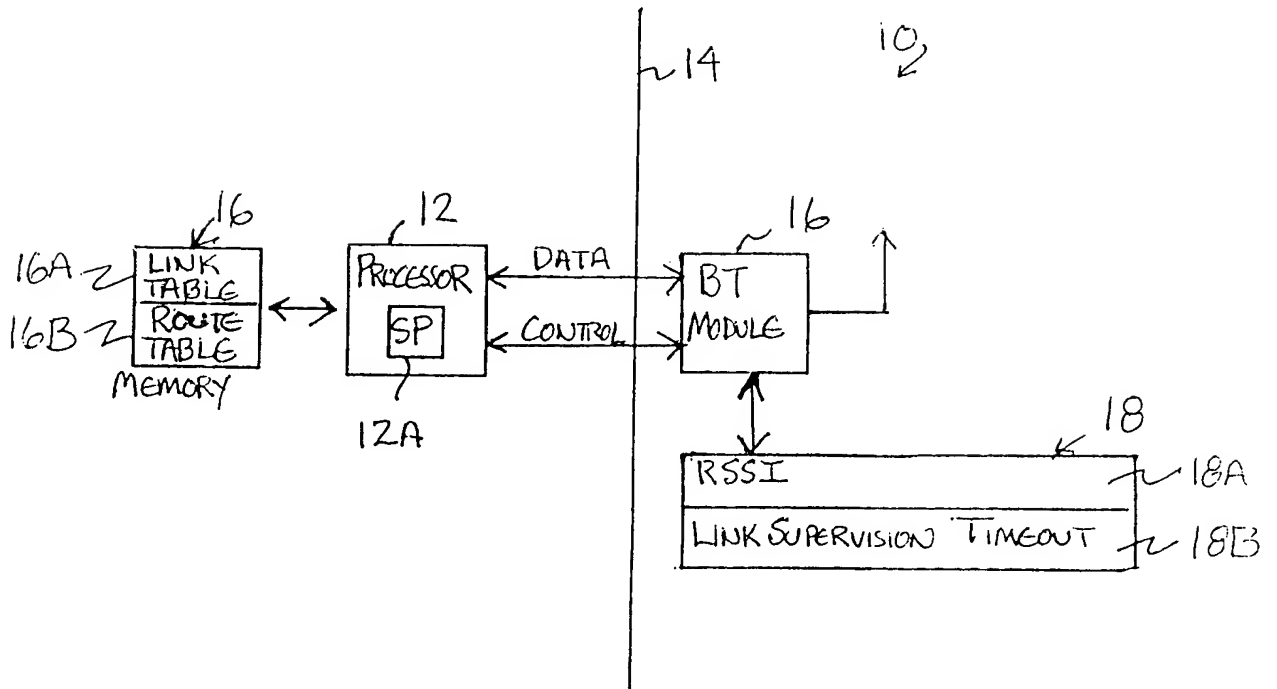


FIG. 8

INITIAL STATES (PARTIAL)

$L(a,b) = 10$
 $R(a,b) = 10$
 $R(a,c) = 20$
 $R(a,d) = 30$
 $R(a,e) = 40$

$L(b,c) = 10$
 $R(b,c) = 10$
 $R(b,d) = 20$
 $R(b,e) = 30$

$L(c,d) = 10$
 $R(c,d) = 10$
 $R(c,e) = 20$

② NODES

①

③

⑤

④

Time

① LINK DEGRADATION OCCURS

LINK TABLE/ROUTING TABLE AT NODE C UPDATED

$L(c,d) = 20$
 $R(c,d) = 20$
 $R(c,e) = 30$

③ TRAFFIC MEASUREMENT, DETECT AND UPDATE RELATED NODES (a, b)

④

$R(a,d) = 40$
 $R(a,e) = 50$

$R(b,c) = 10$
 $R(b,d) = 30$
 $R(b,e) = 40$